

**Steel - Low Alloy, Grade 1.2365 X32CrMoV3-3, CRM, Disc approx. Ø 50 mm x 20 mm**

Art. ID                   HRT-FE2021-N  
Unit                     disc  
Deliverydetails        No Dangerous Good /not restricted

**Description**

This Reference Material is intended for use in spark atomic emission and x-ray spectrometric methods of analysis. The entire depth of the disc may be used.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Carbon (C)	[7440-44-0]	0,332 ± 0,012	%		
	Silicon (Si)	[7440-21-3]	0,28 ± 0,03	%		
	Manganese (Mn)	[7439-96-5]	0,315 ± 0,012	%		
	Phosphorus (P)	[7723-14-0]	0,0178 ± 0,0031	%		
	Sulfur (S)	[7704-34-9]	0,0014 ± 0,0007	%		
	Chromium (Cr)	[7440-47-3]	2,81 ± 0,08	%		
	Molybdenum (Mo)	[7439-98-7]	2,73 ± 0,14	%		
	Nickel (Ni)	[7440-02-0]	0,193 ± 0,007	%		
	Copper (Cu)	[7440-50-8]	0,07 ± 0,007	%		
	Niobium (Nb)	[7440-03-1]	0,007 ± 0,0037	%		
	Vanadium (V)	[7440-62-2]	0,528 ± 0,022	%		
	Titanium (Ti)	[7440-32-6]	0,0017 ± 0,0007	%		
	Aluminium (Al)	[7429-90-5]	0,0148 ± 0,0043	%		
	Nitrogen (N)	[7727-37-9]	0,0076 ± 0,0011	%		
	Tungsten (W)	[7440-33-7]	0,0277 ± 0,0064	%		
	Boron (B)	[7440-42-8]	0,0006 ± 0,0004	%		
	Cobalt (Co)	[7440-48-4]	0,0117 ± 0,0037	%		
	Magnesium (Mg)	[7439-95-4]	0,0004 ± 0,0001	%		
	Tin (Sn)	[7440-31-5]	0,0043 ± 0,0016	%		
	Antimony (Sb)	[7440-36-0]	0,0015 ± 0,0011	%		
	Arsenic (As)	[7440-38-2]	0,0043 ± 0,0022	%		
	Tantalum (Ta)	[7440-25-7]	0,0022 ± 0,0014	%		
	Zirconium (Zr)	[7440-67-7]	0,0012 ± 0,0007	%		
	Zinc (Zn)	[7440-66-6]	0,0024 ± 0,0025	%		
	Cerium (Ce)	[7440-45-1]	0,0011 ± 0,0005	%		